

KEY ACHIEVEMENTS

WATER CHALLENGES FOR A CHANGING WORLD

The Water JPI, launched in December 2011, as a ground challenge-oriented research cooperation network, is deeply committed to provide innovative solutions to the Water Challenges faced by the entire world.

Water is at the heart of all aspects of sustainable development: agriculture, food production and security, ecosystem sustainability and biodiversity, and urban area development; and is central to several thematic areas: e.g. climate change adaptation or mitigation measures.

MAJOR GLOBAL ACHIEVEMENTS

The Water JPI membership accounts for 88% of all European public RDI annual expenditure on water issues.

- ▶ **20 member countries from Europe and beyond – including Israel, Norway, Republic of Moldova, South Africa & Turkey**
- ▶ **1 observer country – Greece**
- ▶ **5 partner countries associated in joint actions – Brazil, Canada, Egypt, Taiwan and Tunisia**

Water JPI's Common Vision 2030 document and a **Strategic Research and Innovation Agenda (SRIA)** shared with multiple stakeholders at national, European and International levels.

Implementing joint activities: joint calls, knowledge management, synthesis and transfer, cluster of nationally funded projects, water related projects database. **Topics of the Joint calls**

- ▶ **2013. Emerging water contaminants**
- ▶ **2015. Waste water treatment and water reuse**
- ▶ **2016. Water challenges in agriculture, forestry and freshwater aquaculture**
- ▶ **2018. Water related UN Sustainable Development Goals**
- ▶ **2019. Sustainable Management of Water Resources**
- ▶ **2020. Risks posed to human health and the environment by pollutants and pathogens present in water resources**
- ▶ **2020. Conservation and restoration of degraded ecosystems and their biodiversity, including a focus on aquatic systems**

CONTACT INFORMATION

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MAIN OBJECTIVES FOR WATER JPI

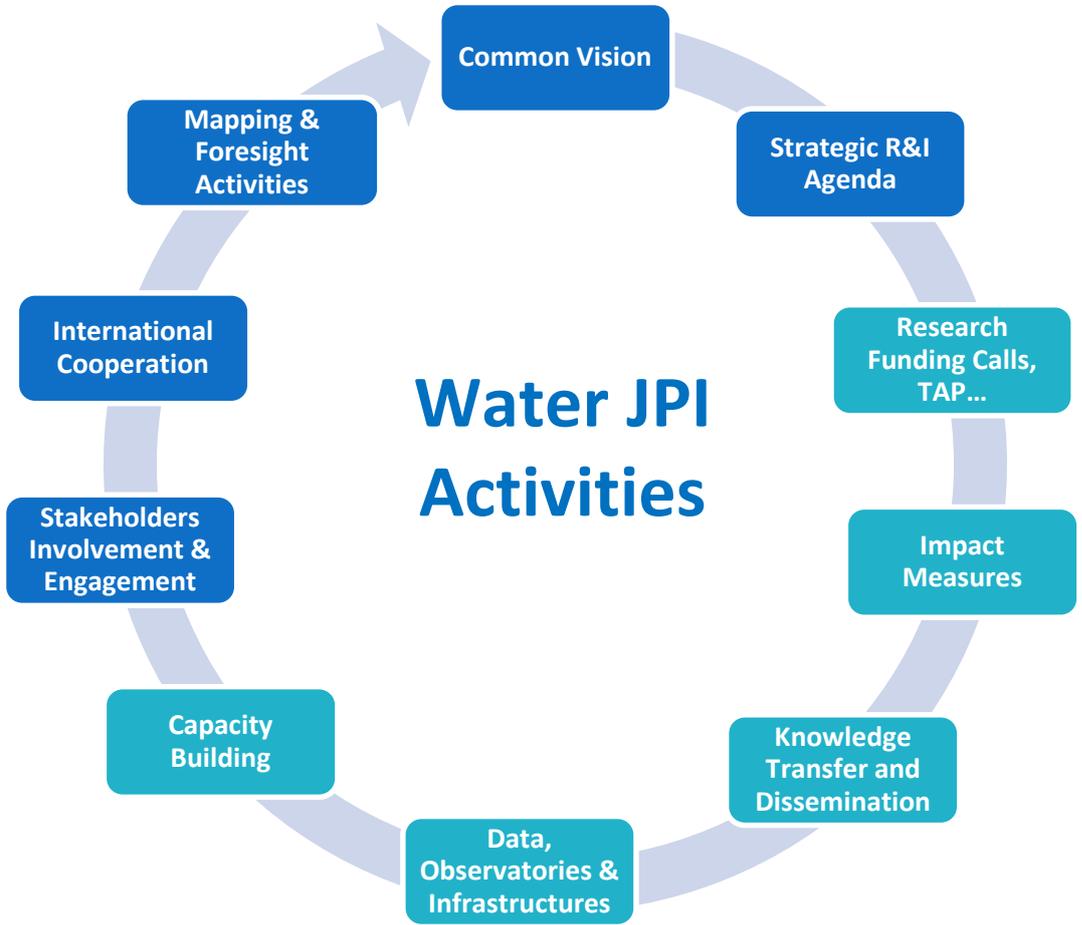
- ▶ **Aligning** national policy priorities, strategies, programmes & competence
- ▶ **Building** trust & encouraging new forms of collaboration and partnership between local, regional, national and European policymakers, research funders, research performing organisations, private sector, international initiatives and stakeholders
- ▶ **Driving** scientific excellence with mission oriented joint actions
- ▶ **Extending** links to various challenges related to international initiatives for learning from other countries' experiences. & Benefiting from institutional alignment and partnering.
- ▶ **Providing** effective links between research and knowledge on one hand, and global policy on the other, such as UN Sustainable Development Goals

WATER JPI JOINT CALLS





ACTING ON THE ENTIRE RESEARCH PROGRAMMING CYCLE



**S
R
I
A**



Ecosystems



Health and Wellbeing



Water Value and Usage



Sustainable Water Management

FROM NEW KNOWLEDGE TO KNOWLEDGE TRANSFER

- ▶ 6 Joint Transnational Calls, out of which 4 co-funded by the European Commission, addressing scientific gaps highlighted by the Water JPI Strategic Research & Innovation Agenda (4 themes illustrated on the left)
- ▶ 1 Transnational Call with BIODIVERSA in progress
- ▶ 10 Exploratory Workshops for discussing in-depth strategy in international cooperation with scientists, experts and stakeholders
- ▶ 2 Knowledge Hubs for reducing research fragmentation and duplication, developing connection between science and policy setting → **Policy briefs**
- ▶ 1 Thematic Annual Programming, AQUATAP_ES, on approaches for assessing and optimising the value of ecosystem services → **Showcase event in June 2021**
- ▶ Exploring Action Plan with the water economic sectors for increasing impact of new RDI programmes
- ▶ 3rd International Conference in Germany in November 2021 to gather different stakeholders communities (scientists, policy-makers, water utilities, etc.)

